



Customer ID Number	XXXX-XXXX	Sample Received	00/00/0000	MEI Report #	XXXXXXXXXX-XX	Date Reported	00/00/0000
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Customer Sample #	XXXXX	Job ID	XXXXX-XXXX-XXXX
Sample Type	Agar plate	Requested Service(s)	Phenotypic and Genetic Identification
Sample Source	Frozen Stock	Test Method(s)	MB450, MB457, MB473
Customer Comments	ATCC 8739		
MEI Sample #	XXXXX-X		

Test	Test Results	
Gram Stain Reaction	Negative	
Microscopic	Rods	
Oxidase	Negative	
Catalase	Positive	
Motility	Negative	
Indologenesi	Positive	
Acid from Lactose	Positive	
Acid from Sorbitol	Positive	
Lysine decarboxylase	Positive	
Orn. decarboxylase	Negative	

Genetic ID			Notes: Additional Tests: Growth on Citrate = Negative Acid from Sucrose = Negative Phenotypic data support <i>Escherichia coli</i> .
Comparisons to genetically similar microorganisms			
Genetic Distance	Genus	Species	
0.0004	<i>Escherichia</i>	<i>coli</i>	
0.0004	<i>Enterobacter</i>	<i>hormaechei</i>	
0.0009	<i>Shigella</i>	<i>dysenteriae</i>	
0.0021	<i>Shigella</i>	<i>flexneri</i>	
0.0026	<i>Shigella</i>	<i>sonnei</i>	
0.0046	<i>Enterobacter</i>	<i>sp.</i>	

Deviations	None
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Microbial ID Conclusion	<i>Escherichia coli</i>
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Microbiology Review	_____	Date: 00/00/0000
Genetics Review	_____	Date: 00/00/0000
QC Approval	_____	Date: 00/00/0000
QA Approval	_____	Date: 00/00/0000

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This laboratory report relates only to the portion of the sample which was tested in this report. Interpretation of these results is the sole responsibility of the Customer.

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